

908 North Temperance Ave. ∇ Clovis, CA 93611 ∇ Phone 559-275-2175 ∇ Fax 559-275-4422

NELAP Certification number: CA00046 (HW) State Certification Number: CA1312 (WW & DW)

November 21, 2016

Environmental Protection Agency 4930 Old Page Road Durham, North Carolina 27703

Attn: Dennis Tabor

Subject: Report of Data: Case 81316

Results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Dear Mr. Tabor:

Three miscellaneous samples for the "Radford Sept-Oct 2016" project were received October 28, 2016, at room temperature. Written results are being provided on this November 21, 2016, for the requested analysis. All holding times were met.

For the nitrocellulose analysis, the samples were extracted according to APPL SOP ANANC and analyzed according to EPA method 353.2-Mod and APPL SOP ANANC for Nitrocellulose.

No unusual problems or complications were encountered with this sample set.

If you have any questions or require further information, please contact us at your convenience. Thank you for choosing APPL, Inc.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. These test results meet all requirements of NELAC. Release of the hard copy has been authorized by the Laboratory Manager or her designee, as verified by the following signature.

Paula McCartney, Laboratory Director APPL, Inc.

PhulaMC Carrey

PM/rp Enclosure cc: File

Number of pages in this report:

Wetlab Results

ARF: 81316

APPL Inc.

908 North Temperance Avenue

Clovis, CA 93611

Environmental Protection Agency 4930 Old Page Road Durham, NC 27703

Attn: Dennis Tabor

Method Analyte		Result	PQL	Units	Prep Date	Analysis Date
APPL ID: AZ	Z45036 -Client Sam	le ID: PS-MK90-NC-092916-01	-Sample Collection	n Date: 09/29/16	Project: Radfo	rd Sept-Oct 2016
EPA 353.2M	NITROCELLUL	SE Not detected	200	ug/sample	11/11/16	11/11/16
APPL ID: AZ	Z45037 -Client Sam	le ID: PS-MK90-NC-100516	-Sample Collection	n Date: 10/05/16	Project: Radfo	rd Sept-Oct 2016
EPA 353.2M	NITROCELLUL	SE Not detected	200	ug/sample	11/11/16	11/11/16
APPL ID: AZ	Z45038 -Client Sam	ie ID: BS-NC-100516	-Sample Collection	n Date: 10/05/16	Project: Radfo	rd Sept-Oct 2016
EPA 353.2M	NITROCELLUL	SE Not detected	200	ug/sample	11/11/16	11/11/16

AMENDED PAGE

Printed: 11/23/16 11:31:35 AM

WETLAB BLANK

APPL Inc. 908 North Temperance Avenue Clovis, CA 93611

Method	Analyte	Result	PQL	Units	Prep Date	Anal Date	QC Group
EPA 353.21	M NITROCELLULOSE	Not detected	200	ug/sample	11/11/16	11/11/16	#353NC-161101A-AZ4503

AMENDED PAGE

Printed: 11/23/16 11:31:27 AM

Laboratory Control Spike Recovery <u>WETLAB</u>

APPL Inc. 908 North Temperance Avenue Clovis, CA 93611

Method	Compound Name	Spike Level ug/sample	SPK Result ug/sample	SPK % Recovery	Recovery Limits	Extract Date	Analysis Date	QC Group
EPA 353.2	NITROCELLULOSE	1000	1080	108	40-120	11/11/16	11/11/16	#353NC-161101A-AZ45036

AMENDED PAGE

Comments:		

Printed: 11/23/16 11:31:12 AM

Project: Radford Sep-Oct 2016

CHAIN OF CUSTODY & LABORATORY ANALYSIS REQUEST FORM

Nitro Cellulose

81314 Page

/ of /

SA	MPLER:					,						Re	equ	este	ed Analyses				
	SAMPLE ID	DATE	~જ√ TIME-	MATRIX	PUF/ FILTER	1	2	3	4	5	6	7 8	3 9	10	0	·		Remarks	
1	PS-MK90-NC-092916-01	092916	1-3	MKgo		χ									2 Filturs	, 0.70	og C sa	unpleal	
2	PS-MK90-NC-100576	100576	1-3	MK90		x													
3	BS-NC-100516	100216		Ambieut		x													
																		1504	
															·				
	Requested Analyses	Special In	structions/Co	omments:											☐ Special QA/Q	Instruct	ions		
1	Nitro Cellulox																		
2		toppi, _p anen - 104	March 1983 Filts	:	esin anti-The	ar Paria	inie I	àhō	rati	orv I	nfo	rma	tion	ian	d Receint	LARW SEY	ingentaryje i	niakwesta tewatar	MACHa
3			Laboratory Informatio Lab Name: Coole Shipping-Tracking #							377	9.7.75	cked with ice	Sample	Receipt:					
4		Specify Tu								Jarg.		Mar.	tody seal intact	Condit	ion/Coole	r Temp:			
5		Relinquishe Huun	d by:	DATE	1345	Rec	eive	ed by	<i>/</i> :	_	210	'		quish	ned by:	DATE	TIME	Received by:	
		Relinquishe		DATE	TIME	16	eive	d by	<u>></u> /:	<u>حا(</u>	3.V	781 Q Relinquis			ned by:	DATE	TIME	Received by:	